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REPORT

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SOURCE Newspapers as indicated.

NEW MACHINES AND PRODUCTS INTRODUCED

CABLE FACTORY HAS NEW MACHINES -- Politika, No 13272, 24 Jun 49

A machine fitter in the "Novkabel" Electrical Industry Enterprise has designed and built a trolley machine for the wire-drawing department and a similar machine for the railroad department. The first machine will draw 3-millimeter wire instead of the 4.2-millimeter wire formerly drawn there, while the second machine will draw 8-millimeter instead of 10-millimeter wire. Though this machine was built of scrap iron, it can produce a maximum of 20,500 kilograms in 24 hours.

The same inventor has built a new pointing machine for the railroad department which can sharpen 3- to 25-millimeter pipes or rods. This machine has increased the pipe- and rod-processing capacity of the plant by 20 percent, while the trolley machine in the wire-drawing mill has increased production capacity by 15 percent.

NEW TYPE OF STEAM BOILER -- Borba, No 143, 18 Jun 49

On 17 June a new steam boiler, heated by blast furnace gas, was put into operation at the Ironworks at Vares. The boiler has an output of 2,000 horsepower to operate the turbogenerator. It was made in Vares by Ironworks personnel using Ironworks facilities.

The construction of the boiler was begun on 15 January and finished on 8 June. Its tests showed very good results.

This boiler has the advantage of burning gases otherwise wasted and thus of using no coal. This saves 15 - 20 tons of coal every day. Since the base of the boiler has no movable parts, the repairs which are needed regularly on other boilers are obviated. The new boiler can be put into operation in half the time required for coal-burning boilers.

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BOILER PARTS NO LONGER IMPORTED -- Politika, No 13269, 20 Jun 49

Zagreb -- The Steam Boiler Factory is expected to surpass its plan for the first half of 1949, although production fell behind until the second quarter of the year while the factory waited in vain for the arrival of essential parts ordered from Czechoslovakia. The production plan for the first quarter was fulfilled only 66 percent.

Finally, the workers at the factory decided to make the missing boiler parts themselves. Soon the first series of boilers of various types to have been made exclusively of Yugoslav materials will be completed. As a result of contests and pledges, the factory is now succeeding in making up for the lost production.

SUBSTITUTE FOR BALL-BEARINGS -- Politika, No 13269, 20 Jun 49

The Municipal Blacksmith and Wheelwright Enterprise in Novi Sad has been repairing bicycles for 5 months according to a new method developed to save ball bearings which are difficult to obtain in Yugoslavia. During this time none of the repaired bicycles have been returned as unsatisfactory.

According to the new method, the number of ball-bearings in a bicycle is reduced from the normal 56 to eight by substituting two simple rings for bearings in the pedals, and pieces of iron elsewhere.

FIRST DOUBLE CIRCULAR SAW -- Politika, No 13269, 20 Jun 49

Zagreb -- Last month, the "Prvomajska" Machine-tool Factory added the first double circular saw to have been made in Yugoslavia to its list of new products. The factory is scheduled to deliver the first series of these saws to Yugoslav forestry enterprises by the end of June.

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